BRUHAT BANGALORE MAHANAGARA PALIKE

PROJECT DIVISION, YELAHANKA ZONE

Name of Work:

Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.

MODIFIED ESTIMATE

TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No.45, Present BBMP No.1204/45, Old No.1204, 1st Main,
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Bruhat Bangalore Mahanagara Palike
Executive Engineer Project Division Yelahanka

Name of Work: Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency

Modified Estimate

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Civil Work								
1	**Removing and refixing stone slabs** of drains and pointing in CM (1:3) (P.No-27,I No-5.33,KPWD SR 2018-19)								
	Eshwara Condiments Side Road (Medows Appartment Opp) - LHS	Sqm	1	102.00	1.50		153.00		
	Eshwara Condiments Side Road (Medows Appartment Opp) - RHS		1	122.8	1.50		184.20		
	1st cross maruthi layout BHS		2	86.00	0.90		154.80		
	Basavalingappa nagar Main Road BHS		2	203.50	0.90		366.30		
	Tetra grand road RHS		1	208.00	0.60		124.80		
					Total Quantity		**983.10**	**106.04**	**104247.92**
2	KSRRB 300-1. **Earthwork excavation by manual means** for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(I No-19.1, P No-144)								
	Desilt	**Cum**							
	Eshwara Condiments Side Road (Medows		1	147.00	0.55	0.58	46.86		
	Agrahara- Mariyappa house RdEshwara Condiments Side Road (Medows		1	153.3	0.54	0.60	49.67		
	Srinivasa Garden Layout 1st Main Road - LHS		1	264.3	1.10	0.90	261.66		
	Srinivasa Garden Layout 1st Main Road - RHS		1	247.50	1.10	0.90	245.03		
	Srinivasa Garden Layout 2ND Main Road		1	176.0	1.10	0.90	174.24		
	Srinivasa Garden Layout 2ND Main Road		1	182.5	1.10	0.90	180.68		
	CULVERT		1	7.80	1.30	0.90	9.13		
			1	6.1	1.30	0.90	7.14		
			1	7.1	1.30	0.90	8.31		
			1	30.0	1.30	0.90	35.10		
			1	7.5	1.30	0.90	8.78		
			1	6.5	1.30	0.90	7.61		
			1	7.5	1.30	0.90	8.78		
			1	3.4	1.30	1.05	4.64		
			1	4.9	1.30	1.05	6.69		
			1	4.4	1.30	1.05	6.01		
			1	4.4	1.30	1.05	6.01		
			1	3.0	1.30	1.05	4.10		
	Agrahara Badavane Cross Road - RHS		1	119.30	1.10	0.90	118.11		
	Noor Nagar Main Road - LHS		1	97.60	1.10	1.05	112.73		
	Noor Nagar Main Road - RHS		1	105.90	1.10	1.05	122.31		
	Noor Nagar 1st Cross Road - LHS		1	18.10	0.80	0.90	13.03		
	Noor Nagar 2nd Cross Road - LHS		1	21.00	0.80	0.90	15.12		
	Noor Nagar 2nd Cross Road - RHS		1	21.00	0.80	0.90	15.12		
	Noor Nagar Sub Cross Road - LHS		1	46.00	0.80	0.90	33.12		
	Noor Nagar Sub Cross Road - RHS		1	46.00	0.80	0.90	33.12		
	Noor Nagar 3rd Cross Road - LHS		1	25.00	0.80	0.90	18.00		
	Noor Nagar 3rd Cross Road - RHS		1	32.60	0.80	0.90	23.47		
	Noor Nagar 4TH Cross Road - LHS		1	32.20	0.80	0.90	23.18		
	Noor Nagar 5TH Cross Road - LHS		1	22.20	0.80	0.90	15.98		
	Noor Nagar 5TH Cross Road - RHS		1	22.20	0.80	0.90	15.98		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Noor Nagar 9th A Cross		1	37.00	0.55	0.58	11.80		
	Basavalingappa nagar Cross ROAD		2	83.00	0.50	0.60	49.80		
	Basavalingappa nagar Main Road		2	203.50	0.50	0.61	123.32		
	Basavalingappa C C Road(RHS)		1	146.00	0.50	0.50	36.50		
	Basavalingappa C C Road(LHS)		1	73.00	0.50	0.50	18.25		
	5th Cross Drain		1	22.00	0.40	0.45	3.96		
	3rd Cross		1	22.00	0.40	0.50	4.40		
	2nd Cross		1	22.00	0.40	0.50	4.40		
	Tetra grand road		1	208.00	0.45	0.60	56.16		
	4th Cross Maruthi Layout		2	101.00	0.45	0.45	40.91		
	3rd Cross Maruthi Layout		2	105.00	0.45	0.45	42.53		
	2nd Cross Maruthi Layout		2	105.50	0.45	0.45	42.73		
	1st cross maruthi layout		2	86.00	0.45	0.45	34.83		
	1st cross maruthi layou		2	139.00	0.45	0.45	56.30		
	2ND CROSS MARUTHI LAYOUT		2	141.00	0.45	0.45	57.11		
	MARUTHI LAYOUT MAIN ROAD		2	209.00	0.50	0.45	94.05		
					Total Quantity		**2306.71**	**202.44**	**466969.43**
3	**Providing granite slabs** of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. (P.No-27,I No-5.31.1, KPWD SR 2018-19), 7.5cms thick								
	5% missing slabs from item no. 01	**Sqm**					90.00		
					Total Quantity		**90.00**	**684.44**	**61599.60**
4	KSRB 4-1.2 : Providing and laying in **position plain cement concrete of Mix 1:3:6** with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. (P.No-13,I No-4.2,KPWD SR 2018-19)								
		Cum							
	Srinivasa Garden Layout 1st Main Road - LHS		1	264.3	1.10	0.15	43.61		
	Srinivasa Garden Layout 1st Main Road - RHS		1	247.50	1.10	0.15	40.84		
	Srinivasa Garden Layout 2ND Main Road		1	176.0	1.10	0.15	29.04		
	Srinivasa Garden Layout 2ND Main Road		1	182.5	1.10	0.15	30.11		
	CULVERT		1	7.80	1.30	0.15	1.52		
			1	6.1	1.30	0.15	1.19		
			1	7.1	1.30	0.15	1.38		
			1	30.0	1.30	0.15	5.85		
			1	7.5	1.30	0.15	1.46		
			1	6.5	1.30	0.15	1.27		
			1	7.5	1.30	0.15	1.46		
			1	3.4	1.30	0.15	0.66		
			1	4.9	1.30	0.15	0.96		
			1	4.4	1.30	0.15	0.86		
			1	4.4	1.30	0.15	0.86		
			1	3.0	1.30	0.15	0.59		
	Agrahara Badavane Cross Road - RHS		1	119.30	1.10	0.15	19.68		
	Noor Nagar Main Road - LHS		1	97.60	1.10	0.15	16.10		
	Noor Nagar Main Road - RHS		1	105.90	1.10	0.15	17.47		
	Noor Nagar 1st Cross Road - LHS		1	18.10	0.80	0.15	2.17		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Noor Nagar 2nd Cross Road - LHS		1	21.00	0.80	0.15	2.52		
	Noor Nagar 2nd Cross Road - RHS		1	21.00	0.80	0.15	2.52		
	Noor Nagar Sub Cross Road - LHS		1	46.00	0.80	0.15	5.52		
	Noor Nagar Sub Cross Road - RHS		1	46.00	0.80	0.15	5.52		
	Noor Nagar 3rd Cross Road - LHS		1	25.00	0.80	0.15	3.00		
	Noor Nagar 3rd Cross Road - RHS		1	32.60	0.80	0.15	3.91		
	Noor Nagar 4TH Cross Road - LHS		1	32.20	0.80	0.15	3.86		
	Noor Nagar 5TH Cross Road - LHS		1	22.20	0.80	0.15	2.66		
	Noor Nagar 5TH Cross Road - RHS		1	22.20	0.80	0.15	2.66		
						Total Quantity	**249.27**		
				BOQ Qty			**67.20**		
				Qty upto 125%			**84.00**	**5109.20**	**429172.80**
				Qty above 125%			**165.27**	**5560.70**	**919016.89**
5	Providing and laying **plain/reinforced cement concrete** for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No-37.59.2,P No-271,KPWD SR 2018-19)								
		Cum							
	BOTTOM RAFT								
	Srinivasa Garden Layout 1st Main Road - LHS		1	264.30	1.00	0.15	39.65		
	Srinivasa Garden Layout 1st Main Road - RHS		1	247.50	1.00	0.15	37.13		
	Srinivasa Garden Layout 2ND Main Road LHS		1	176.0	1.00	0.15	26.40		
	Srinivasa Garden Layout 2ND Main Road RHS		1	182.5	1.00	0.15	27.38		
	CULVERT		1	7.80	1.20	0.20	1.87		
			1	6.10	1.20	0.20	1.46		
			1	7.10	1.20	0.20	1.70		
			1	30.0	1.20	0.20	7.20		
			1	7.50	1.20	0.20	1.80		
			1	6.50	1.20	0.20	1.56		
			1	7.50	1.20	0.20	1.80		
			1	3.40	1.20	0.20	0.82		
			1	4.90	1.20	0.20	1.18		
			1	4.40	1.20	0.20	1.06		
			1	4.40	1.20	0.20	1.06		
			1	3.00	1.20	0.20	0.72		
	Agrahara Badavane Cross Road - RHS		1	119.30	1.00	0.15	17.90		
	Noor Nagar Main Road - LHS		1	97.60	1.00	0.15	14.64		
	Noor Nagar Main Road - RHS		1	105.90	1.00	0.15	15.89		
	Noor Nagar 1st Cross Road - LHS		1	18.10	0.70	0.15	1.90		
	Noor Nagar 2nd Cross Road - LHS		1	21.00	0.70	0.15	2.21		
	Noor Nagar 2nd Cross Road - RHS		1	21.00	0.70	0.15	2.21		
	Noor Nagar Sub Cross Road - LHS		1	46.00	0.70	0.15	4.83		
	Noor Nagar Sub Cross Road - RHS		1	46.00	0.70	0.15	4.83		
	Noor Nagar 3rd Cross Road - LHS		1	25.00	0.70	0.15	2.63		
	Noor Nagar 3rd Cross Road - RHS		1	32.60	0.70	0.15	3.42		
	Noor Nagar 4TH Cross Road - LHS		1	32.20	0.70	0.15	3.38		
	Noor Nagar 5TH Cross Road - LHS		1	22.20	0.70	0.15	2.33		
	Noor Nagar 5TH Cross Road - RHS		1	22.20	0.70	0.15	2.33		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Side Walls								
	Srinivasa Garden Layout 1st Main Road -		2	264.30	0.15	0.65	51.14		
	Srinivasa Garden Layout 1st Main Road -		2	247.50	0.15	0.64	47.52		
	Srinivasa Garden Layout 2ND Main Road		2	176.00	0.15	0.64	34.11		
	Srinivasa Garden Layout 2ND Main Road		2	182.50	0.15	0.64	35.34		
	CULVERT		2	7.80	0.25	0.60	2.34		
			2	6.10	0.25	0.60	1.83		
			2	7.10	0.25	0.60	2.13		
			2	30.00	0.25	0.60	9.00		
			2	7.50	0.25	0.60	2.25		
			2	6.50	0.25	0.60	1.95		
			2	7.50	0.25	0.60	2.25		
			2	3.40	0.25	0.60	1.02		
			2	4.90	0.25	0.60	1.47		
			2	4.40	0.25	0.60	1.32		
			2	4.40	0.25	0.60	1.32		
			2	3.00	0.25	0.60	0.90		
	Agrahara Badavane Cross Road - RHS		2	119.30	0.15	0.60	21.47		
	Noor Nagar Main Road - LHS		2	97.60	0.15	0.70	20.61		
	Noor Nagar Main Road - RHS		2	105.90	0.15	0.70	22.33		
	Noor Nagar 1st Cross Road - LHS		2	18.10	0.15	0.60	3.26		
	Noor Nagar 2nd Cross Road - LHS		2	21.00	0.15	0.60	3.78		
	Noor Nagar 2nd Cross Road - RHS		2	21.00	0.15	0.60	3.78		
	Noor Nagar Sub Cross Road - LHS		2	46.00	0.15	0.60	8.28		
	Noor Nagar Sub Cross Road - RHS		2	46.00	0.15	0.60	8.28		
	Noor Nagar 3rd Cross Road - LHS		2	25.00	0.15	0.60	4.50		
	Noor Nagar 3rd Cross Road - RHS		2	32.60	0.15	0.60	5.87		
	Noor Nagar 4TH Cross Road - LHS		2	32.20	0.15	0.60	5.80		
	Noor Nagar 5TH Cross Road - LHS		2	22.20	0.15	0.60	4.00		
	Noor Nagar 5TH Cross Road - RHS		2	22.20	0.15	0.60	4.00		
					Total Quantity		**543.10**		
					BOQ Qty		**165.12**		
					Qty upto 125%		**206.40**	**6940.80**	**1432581.12**
					Qty above 125%		**336.70**	**7140.90**	**2404341.03**
6	KSRRB M2200-6. Providing **T.M.T. steel reinforcement for R.C.C.** work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.(I No-28.8.2,P No-229)								
	Consider 53kg/Cum for Drain		1	493.1	53.00		26134.04		
	Consider 80kg/Cum for Culvert	**Tn**	1	50.0	80.00		4000.32		
							30134.36		
					Total Quantity		**30.12**		
					BOQ Qty		**14.86**		
					Qty upto 125%		**18.580**	**67480.00**	**1253778.40**
					Qty above 125%		**11.54**	**80948.07**	**934493.66**
7	Providing and Fixing **pre cast covering Slab 250mm thick** made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
	Culvert Slabs	**Sqm**							

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Srinivasa Garden Layout								
	1st Main Road - LHS		1	13.90	1.50		20.85		
	1st Main Road - RHS		1	7.10	1.50		10.65		
	2nd Main Road - LHS		1	14.00	1.50		21.00		
	2nd Main Road - RHS		1	7.50	1.50		11.25		
	Noor Nagar West Side								
	Noor Nagar Main Road - LHS		1	12.70	1.20		15.24		
	Noor Nagar Main Road - RHS		1	7.40	1.20		8.88		
					Total Quantity		**87.87**	**5152.58**	**452757.20**
8	Providing and Fixing pre cast covering **Slab 100mm thick** made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
		Sqm							
	Eshwara Condiments Side Road (Medows		1	138.00	0.90		124.20		
	Eshwara Condiments Side Road (Medows Appartment Opp) - RHS		1	146.80	0.90		132.12		
	Srinivasa Garden Layout 1st Main Road - LHS		1	264.3	0.90		237.87		
	Srinivasa Garden Layout 1st Main Road - RHS		1	277.50	0.90		249.75		
	Srinivasa Garden Layout 2ND Main Road LHS		1	176.0	0.90		158.40		
	Srinivasa Garden Layout 2ND Main Road		1	182.5	0.90		164.25		
	Agrahara Badavane Cross Road - RHS		1	119.30	0.90		107.37		
	Noor Nagar Main Road - LHS		1	97.60	0.90		87.84		
	Noor Nagar Main Road - RHS		1	105.90	0.90		95.31		
	Noor Nagar 1st Cross Road - LHS		1	18.10	0.60		10.86		
	Noor Nagar 2nd Cross Road - LHS		1	21.00	0.60		12.60		
	Noor Nagar 2nd Cross Road - RHS		1	21.00	0.60		12.60		
	Noor Nagar Sub Cross Road - LHS		1	46.00	0.60		27.60		
	Noor Nagar Sub Cross Road - RHS		1	46.00	0.60		27.60		
	Noor Nagar 3rd Cross Road - LHS		1	25.00	0.60		15.00		
	Noor Nagar 3rd Cross Road - RHS		1	32.60	0.60		19.56		
	Noor Nagar 4TH Cross Road - LHS		1	32.20	0.60		19.32		
	Noor Nagar 5TH Cross Road - LHS		1	22.20	0.60		13.32		
	Noor Nagar 5TH Cross Road - RHS		1	22.20	0.60		13.32		
					Total Qty		**1528.89**		
					BOQ Qty		**1080.00**		
					Qty upto 125%		**1350.00**	**2125.62**	**2869587.00**
					Qty above 125%		**178.89**	**2354.31**	**421162.52**
9	KSRRB M300-14. **Excavation for roadwork in all types of soil** by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead= (I No-19.14,P No-143,KPWD SR 2018-19)								
		Cum							
	Chokkanahalli LayoutMn Road frm Thanisandra Rd		1	613.60	8.01	0.30	1475.03		
	Deduction		-1	9.40	0.72	0.30	-2.04		
			-1	2.50	0.60	0.30	-0.45		
			-18	0.30	0.30	0.30	-0.49		
	Thirumenalli Mn Rd		1	423.20	7.07	0.30	898.08		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Deduction		-29	0.90	0.90	0.30	-7.05		
			-22	1.20	0.90	0.30	-7.13		
	rajanna house road		1	321.70	5.88	0.30	567.48		
	Deduction		-19	0.30	0.30	0.30	-0.51		
			-13	1.20	1.20	0.30	-5.62		
	Agrahara Layout Main Road		1	746.80	7.76	0.30	1739.45		
	Deduction		-1	0.50	0.80	0.30	-0.12		
			-1	1.20	0.90	0.30	-0.32		
			-1	0.50	0.50	0.30	-0.08		
			-1	0.90	0.90	0.30	-0.24		
			-1	0.50	0.50	0.30	-0.08		
			-1	0.30	0.30	0.30	-0.03		
			-1	1.20	0.90	0.30	-0.32		
			-3	1.20	0.90	0.30	-0.97		
			-1	0.30	0.30	0.30	-0.03		
			-2	1.50	1.50	0.30	-1.35		
			-2	1.20	1.20	0.30	-0.86		
			-5	0.30	0.30	0.30	-0.14		
			-7	0.30	0.30	0.30	-0.19		
			-2	1.20	1.20	0.30	-0.86		
			-1	1.20	1.20	0.30	-0.43		
			-2	0.30	0.30	0.30	-0.05		
			-2	1.20	1.20	0.30	-0.86		
			-3	0.50	0.50	0.30	-0.23		
			-6	0.30	0.30	0.30	-0.16		
			-3	1.20	1.20	0.30	-1.30		
			-1	1.50	1.50	0.30	-0.68		
			-1	2.50	1.20	0.30	-0.90		
			-1	5.00	1.20	0.30	-1.80		
			-3	1.20	1.20	0.30	-1.30		
			-6	0.30	0.30	0.30	-0.16		
			-1	5.00	1.20	0.30	-1.80		
			-2	1.20	1.20	0.30	-0.86		
			-8	0.30	0.30	0.30	-0.22		
			-1	1.20	1.20	0.30	-0.43		
			-1	1.20	1.20	0.30	-0.43		
			-1	3.00	0.30	0.30	-0.27		
			-3	0.30	0.30	0.30	-0.08		
			-4	1.20	1.20	0.30	-1.73		
			-1	1.20	1.20	0.30	-0.43		
			-3	0.30	0.30	0.30	-0.08		
			-1	0.30	0.30	0.30	-0.03		
			-1	1.20	1.20	0.30	-0.43		
			-1	0.30	0.30	0.30	-0.03		
			-1	1.50	1.50	0.30	-0.68		
			-1	8.20	1.60	0.30	-3.94		
			-1	0.90	0.90	0.30	-0.24		
	Eshwara Condiments Side Road (Medows Appartment Opp)		1	153.30	7.02	0.30	322.85		
	Deduction		-1	0.30	0.30	0.30	-0.03		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			-1	0.30	0.30	0.30	-0.03		
			-1	0.30	0.30	0.30	-0.03		
	Noor Nagar Main Road		1	114.20	7.23	0.30	247.84		
	Deduction		-2	0.30	0.30	0.30	-0.05		
			-3	0.30	0.30	0.30	-0.08		
			-2	0.30	0.30	0.30	-0.05		
			-2	0.30	0.30	0.30	-0.05		
	Srinivasa Garden Layout 1st main road		1	266.00	6.51	0.30	519.26		
	Srinivasa Garden Layout 2nd main road		1	182.50	5.96	0.30	326.15		
	Agrahara Badavane Cross Road		1	133.80	6.33	0.30	254.21		
	Noor Nagar 1st Cross Road		1	18.10	2.36	0.15	6.41		
	Noor Nagar 2nd Cross Road		1	35.00	2.99	0.15	15.70		
	Noor Nagar Sub Cross Road		1	46.00	2.63	0.15	18.15		
	Noor Nagar 3rd Cross Road		1	34.60	2.49	0.15	12.92		
	Noor Nagar 4th Cross Road		1	34.20	1.94	0.15	9.95		
	Noor Nagar 5th Cross Road		1	22.20	2.25	0.15	7.49		
	Noor Nagar 6th Cross Road		1	50.80	3.11	0.15	23.70		
	Road Cutting Portion								
	Chokkanahalli Layout Main Road		2	613.60	0.90	0.20	220.90		
	Thirumenahalli Main Road		2	423.20	0.90	0.20	152.35		
	Rajanna House Road from Thirumenahalli		2	373.20	0.90	0.20	134.35		
	Agrahara Layout Main Road		2	165.00	0.90	0.20	59.40		
	Eshwara Condiments Side Road (Medows		1	153.30	0.90	0.20	27.59		
	Noor Nagar Main Road		1	114.20	0.90	0.20	20.56		
	Lakshmaiah Garden road		1	48.00	5.32	0.30	76.62		
	Lakshmaiah Garden main road		1	367.00	5.72	0.30	629.77		
	Chamundi layout 7th cross road		1	27.00	4.80	0.30	38.88		
	1st Cross Lakshmaiah Garden road		1	80.00	5.40	0.30	129.60		
	Green land layout		1	413.00	5.63	0.30	697.56		
	Bellahalli Cross rd		1	297.00	5.43	0.30	483.81		
	Tirumala temple road		1	112.00	6.06	0.30	203.55		
	Cross rd		1	26.00	3.04	0.30	23.71		
	Cross rd 1(park side)		1	22.00	8.50	0.30	56.10		
	R O Plant front rd		1	20.20	24.00	0.30	145.44		
	Chokkana Halli main road		1	1243.00	8.17	0.30	3046.59		
	Chokkana Halli main road (Capital school		1	121.00	5.18	0.30	188.03		
	Chokkanalli cross opposite road		1	12.20	5.18	0.30	18.96		
	Vinayak nagar		1	384.20	6.50	0.30	749.19		
	Baba nagar main road		1	398.00	6.45	0.30	770.13		
	Approach		1	3.60	3.00	0.30	3.24		
	Tetra grand appartment road		1	185.00	6.40	0.30	355.37		
	Tetra grand appartment cross road		1	52.50	5.50	0.30	86.63		
	Dwaraka nagar main road		1	260.00	2.50	0.30	195.00		
	Cutting Portion - UGD line								
	Chokkana Halli main road		1	194.50	0.90	0.20	35.01		
	Tirumala temple road		1	112.00	0.90	0.20	20.16		
	Cross rd		1	26.00	0.90	0.20	4.68		
	Cross rd 1(park side)		1	22.00	0.90	0.20	3.96		
	R O Plant front rd		1	20.20	0.90	0.20	3.64		
	vinayak nagar		1	384.20	0.90	0.20	69.16		
	Baba nagar main road		1	398.00	0.90	0.20	71.64		
	Tetra grand appartment road		1	255.00	1.10	0.20	56.10		
	Tetra grand appartment cross road		1	52.50	0.90	0.20	9.45		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Dwaraka nagar main road								
	Cutting Portion - Watersupply line		1	260.00	1.10	0.20	57.20		
	Chokkana Halli main road								
	Tirumala temple road		1	194.50	0.90	0.20	35.01		
	Baba nagar main road		1	112.00	0.90	0.20	20.16		
			1	398.00	0.90	0.20	71.64		
	Chokkanahalli Layout Temple Side Road								
			1	147.60	6.10	0.30	270.11		
	Deduction		-1	0.30	0.30	0.30	-0.03		
			-1	0.90	0.90	0.30	-0.24		
			-1	0.30	0.30	0.30	-0.03		
	Cross Road-1		-2	0.90	0.90	0.30	-0.49		
	Cross Road-2		1	35.70	4.40	0.30	47.12		
	Dead End Cross Road		1	39.60	4.60	0.30	54.65		
			1	21.20	4.00	0.30	25.44		
	Deduction		-1	2.50	1.00	0.30	-0.75		
	DX Max Appartment Side Road		1	26.50	4.10	0.30	32.60		
	Cross Road from Agrahara layout Road to Thirumenahalli Arch Road		1	111.50	5.20	0.30	173.94		
	Deduction		-1	0.30	0.30	0.30	0.00		
			-2	0.30	0.30	0.30	0.00		
			-2	0.30	0.30	0.30	-0.05		
			-1	0.90	0.60	0.30	-0.16		
	Vinayakanagara 5th coss, apartment road		1	108.50	6.59	0.30	214.50		
	2nd main road damaged CC Road		1	82.50	3.00	0.30	74.25		
	For Road cut Portion		1	82.50	1.20	0.30	29.70		
	Venkateswara temple road Bad reaches		1	34.80	2.10	0.30	21.92		
	Gangammalayout 2nd Cross		1	40.00	5.78	0.30	69.36		
	Noor Nagar Main Road		1	211.00	7.45	0.30	471.51		
	Dwaraka nagar main road		1	133.40	4.37	0.30	174.94		
	Thirumenhalli Road SLV Greens		1	81.20	5.70	0.30	138.77		
	Deduction		-3	1.20	1.33	0.30	-1.44		
	Dwarakanagar Main Road		1	81.00	4.85	0.15	58.88		
	Chokkanalli Main Road (CC Road)		1	62.5	4.02	0.15	37.69		
	Noor Nagar CC Road 1st A cross		1	55.00	3.97	0.15	32.79		
	Noor Nagar CC Road 1st B Cross		1	34.00	5.03	0.15	25.63		
	Noor Nagar CC Road 2nd A Cross		1	36.90	3.90	0.15	21.59		
	Noor Nagar CC Road 2nd B cross		1	33.70	3.50	0.15	17.69		
	Noor Nagar CC Road 3rd A cross		1	35.00	3.82	0.15	20.03		
	Noor Nagar CC Road 3rd B Cross		1	34.10	3.75	0.15	19.18		
	Noor Nagar CC Road 4th A Cross		1	37.00	3.62	0.15	20.10		
	Noor Nagar CC Road 4th B Cross		1	33.50	3.63	0.15	18.24		
	Noor Nagar CC Road 5th A Croos		1	30.00	4.38	0.15	19.69		
	Noor Nagar CC Road 5th B coss		1	34.50	4.61	0.15	23.87		
	Noor Nagar CC Road 6th A Cross		1	37.20	4.49	0.15	25.03		
	Noor Nagar CC Road 6th B cross		1	34.50	4.47	0.15	23.13		
	Noor Nagar CC Road 7th A Cross		1	36.00	4.00	0.15	21.60		
	Noor Nagar CC Road 7th B Cross		1	34.50	4.00	0.15	20.70		
	Noor Nagar CC Road 8th A Cross		1	37.00	4.67	0.15	25.91		
	Noor Nagar CC Road 8th B Cross		1	34.00	4.50	0.15	22.95		
	Noor Nagar CC Road 9th A Cross		1	37.00	3.86	0.15	21.43		
	Noor Nagar CC Road 9th B Cross		1	19.30	3.88	0.15	11.23		
	Gangammalayout 2nd Cross(Road cutting		1	40.00	1.20	0.15	7.20		
	Noor Nagar main Road		1	211.00	1.20	0.15	37.98		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	SLV Greens Appartment Road								
			1	81.20	1.20	0.15	14.62		
	Basavalingappa nagar Main Road								
	Basavalingappa Nagar		1	213.50	1.50	0.30	96.08		
	Tetra grand app road		1	84.00	1.50	0.30	37.80		
	4th Cross Maruthi Layout		1	70.00	7.71	0.30	162.00		
	Widen Portion		1	101.00	1.50	0.30	45.45		
	3nd Cross Maruthi Layout(LHS)		1	101.00	1.20	0.30	36.36		
	Widen Portion		1	105.00	1.50	0.30	47.25		
	3rd Cross Maruthi Layout(LHS)		1	105.00	1.20	0.30	37.80		
	Widen Portion		1	105.00	1.50	0.30	47.25		
	2nd Cross Maruthi Layout (LHS)		1	105.00	1.20	0.30	37.80		
	Widen Portion		1	105.50	1.50	0.30	47.48		
	1st cross maruthi layout (LHS)		1	105.50	1.20	0.30	37.98		
	1st cross maruthi layout (RHS)		1	86.00	1.50	0.30	38.70		
	2ND CROSS MARUTHI LAYOUT (RHS)		1	139.00	1.50	0.30	62.55		
	Widening portion		1	141.00	1.50	0.30	63.45		
	MARUTHI LAYOUT MAIN ROAD		1	141.00	1.20	0.30	50.76		
	damaged portion		2	209.00	1.80	0.30	225.72		
	shrusti enclave road		2	5.40	2.10	0.30	6.79		
			1	120.00	6.31	0.30	227.27		
	deduction								
	house ramp		-8	4.00	0.90	0.30	-8.64		
	house ramp		-6	3.50	0.90	0.30	-5.67		
	house ramp		-10	3.00	0.90	0.30	-8.10		
	chambers		-30	1.20	1.20	0.30	-12.96		
	Win Field New Formn		1	85.00	4.80	0.30	122.40		
					Total Quantity		**19105.33**		
				BOQ Qty			**14453.97**		
				Qty upto 125%			**18067.46**	**63.62**	**1149451.96**
				Qty above 125%			**1037.87**	**71.30**	**74000.07**
10	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)								
		Cum							
	Thirumenalli Mn Rd		1	423.0	7.50	0.23	729.68		
	Chokkanahalli LayoutMn Road frm Thanisandra Rd		1	613.60	7.50	0.23	1058.46		
	rajanna house road		1	373.20	5.10	0.23	437.76		
	Agrahara Layout Main Road		1	746.00	8.00	0.23	1372.64		
	Eshwara Condiments Side Road		1	153.00	6.70	0.23	235.77		
	Noor Nagar Main Road		1	114.20	7.90	0.23	207.50		
	Srinivasa Garden Layout 1st main road		1	266.00	6.10	0.23	373.20		
	Srinivasa Garden Layout 2nd main road		1	182.50	5.50	0.23	230.86		
	Lakshmaiah Garden road		1	48.00	5.36	0.25	64.32		
	Lakshmaiah Garden main road		1	367.00	5.76	0.25	528.48		
	Chamundi layout 7th cross road		1	27.00	4.92	0.25	33.21		
	1st Cross Lakshmaiah Garden road		1	80.00	5.43	0.25	108.60		
	Green land layout		1	413.00	5.72	0.25	590.59		
	Bellahalli Cross rd		1	297.00	5.50	0.23	375.71		
	Tirumala temple road		1	112.00	5.72	0.24	153.75		
	Cross rd		1	26.00	3.80	0.24	23.71		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross rd 1(park side)		1	22.00	8.43	0.23	41.73		
	R O Plant front rd		1	20.20	23.77	0.24	115.24		
	Chokkana Halli main road		1	1243.00	8.35	0.23	2387.18		
	Chokkana Halli main road (Capital school		1	121.00	5.00	0.25	151.25		
	Chokkanalli cross opposite road		1	12.20	4.95	0.25	15.10		
	Vinayak nagar		1	384.20	6.40	0.24	590.13		
	Baba nagar main road		1	398.00	6.45	0.24	616.10		
	Approach		1	3.60	3.30	0.25	2.97		
	Tetra grand appartment road		1	185.00	6.23	0.23	264.87		
	Tetra grand appartment cross road		1	52.50	5.46	0.24	68.80		
	Dwaraka nagar main road		1	260.00	2.63	0.24	163.80		
	Chokkanahalli Layout Temple Side Road		1	147.60	6.10	0.23	202.58		
	Deduction		-1	0.30	0.30	0.23	-0.02		
			-1	0.90	0.90	0.23	-0.19		
			-1	0.30	0.30	0.23	-0.02		
	Cross Road-1		-2	0.90	0.90	0.23	-0.37		
	Cross Road-2		1	35.70	4.30	0.23	35.31		
	Dead End Cross Road		1	39.60	4.30	0.23	39.16		
	Deduction		1	21.20	4.17	0.23	20.33		
	DX Max Appartment Side Road		-1	2.50	1.00	0.23	-0.58		
	Cross Road from Agrahara layout Road to		1	26.50	4.10	0.23	24.99		
	Deduction		1	111.50	5.53	0.23	138.73		
			-1	0.30	0.30	0.23	-0.02		
			-2	0.30	0.30	0.23	-0.04		
			-2	0.30	0.30	0.23	-0.04		
			-1	0.90	0.60	0.23	-0.12		
	Vinayakanagara 5th coss, apartment road		1	108.50	6.77	0.23	168.95		
	2nd main road damaged CC Road		1	82.50	3.90	0.23	74.00		
	Venkateswara temple road Bad reaches		1	34.80	2.10	0.23	16.81		
	Gangammalayout 2nd Cross		1	40.00	5.10	0.22	44.88		
	Noor Nagar Main Road		1	211.00	7.10	0.22	325.09		
	Dwaraka nagar main road		1	133.40	4.60	0.22	132.24		
	Srinivasa Garden 1st Cross Road		1	265.50	1.20	0.20	63.72		
	2nd Cross Road		1	181.30	0.94	0.20	34.08		
	Chamber Surrounding		2	2.00	1.20	0.25	1.20		
	Thirumenhalli Road		1	294.20	1.09	0.20	64.02		
	Chamber Surrounding		15	2.00	1.20	0.25	9.00		
	Noor Nagara Main Road		1	94.10	1.56	0.20	29.36		
	SLV Greens Appartment Road		1	81.20	5.69	0.23	106.27		
	Basavalingappa nagar Main Road		1	213.50	1.50	0.20	64.05		
	Basavalingappa Nagar		1	84.00	1.50	0.20	25.20		
	Tetra grand app road		1	264.00	6.00	0.15	242.51		
	Tetragrand Cross Road		1	52.50	4.75	0.10	24.94		
	4th Cross Maruthi Layout(LHS)		1	101.00	1.50	0.20	30.30		
	Widen Portion		1	101.00	1.20	0.20	24.24		
	3nd Cross Maruthi Layout(LHS)		1	105.00	1.50	0.20	31.50		
	Widen Portion		1	105.00	1.20	0.20	25.20		
	2nd Cross Maruthi Layout (LHS)		1	105.50	1.50	0.20	31.65		
	2ND CROSS MARUTHI LAYOUT Widen		1	105.50	1.20	0.20	25.32		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	1st cross maruthi layout (LHS)		1	86.00	1.50	0.20	25.80		
	1st cross maruthi layout (RHS)		1	139.00	1.50	0.20	41.70		
	2ND CROSS MARUTHI LAYOUT (RHS)		1	141.00	1.50	0.20	42.30		
	Widening portion		1	141.00	1.20	0.20	33.84		
	MARUTHI LAYOUT MAIN ROAD		2	209.00	1.80	0.20	150.48		
	damaged portion		2	5.40	2.09	0.20	4.52		
	shrusti enclave road		1	120.00	6.31	0.20	151.44		
	deduction								
	house ramp		-8	4.00	0.90	0.20	-5.76		
	house ramp		-6	3.50	0.90	0.20	-3.78		
	house ramp		-10	3.00	0.90	0.20	-5.40		
	chambers		-30	1.20	1.20	0.20	-8.64		
	Win Field New Formn		1	85.00	4.80	0.20	81.60		
					Total Quantity		**13503.74**	**2073.56**	**28000820.89**
11	KSRRB M500-6. Providing and **applying primer coat** with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6), issue rate dated 03-01-2020								
		Sqm							
	Chokkanahalli Layout main road		1	619.00	7.15		4422.76		
	Deduction		-3	0.30	0.30		-0.27		
			-2	0.30	0.30		-0.18		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	1.80	0.90		-1.62		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-2	0.90	0.90		-1.62		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.30	0.30		-0.09		
			-1	1.00	1.00		-1.00		
			-1	0.90	0.90		-0.81		
			-1	0.30	0.30		-0.09		
			-1	0.30	0.30		-0.09		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
	Chokkanahalli Layout Temple Side Road		1	147.60	6.18		911.78		
	Deduction		-1	0.30	0.30		-0.09		
			-1	0.90	0.90		-0.81		
			-1	0.30	0.30		-0.09		
			-2	0.90	0.90		-1.62		
	Cross Road-1		1	35.70	4.48		159.86		
	Cross Road-2		1	39.60	4.66		184.62		
	Dead End Cross Road		1	21.20	4.42		93.66		
	Deduction		-1	2.50	1.00		-2.50		
	Agrahara Layout Main Road		1	746.70	7.01		5234.37		
	Deduction		-1	1.20	0.60		-0.72		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			-1	0.60	0.60		-0.36		
			-1	0.60	0.50		-0.30		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.60		-0.54		
			-2	0.90	0.90		-1.62		
			-1	0.90	0.90		-0.81		
			-1	2.20	1.80		-3.96		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
	DX Max Appartment Side Road		-1	0.90	0.90		-0.81		
	Cross Road from Agrahara layout Road to		1	26.50	4.16		110.16		
			1	375.60	6.22		2337.40		
	Deduction		-1	0.90	0.90		-0.81		
			-1	1.20	0.90		-1.08		
			-1	0.40	0.40		-0.16		
			-1	0.60	0.90		-0.54		
			-1	0.60	0.90		-0.54		
			-1	0.30	0.30		-0.09		
			-1	0.30	0.30		-0.09		
			-2	0.30	0.30		-0.18		
			-2	0.30	0.30		-0.18		
			-1	0.90	0.60		-0.54		
	Eshwara Condiments Side Road (Medows		1	162.00	6.65		1076.49		
	Deduction		-1	0.60	0.60		-0.36		
			-3	0.45	0.45		-0.61		
			-1	0.60	0.60		-0.36		
			-2	0.90	0.90		-1.62		
	Vinayakanagara 3rd main road		1	389.40	6.49		2527.98		
	Chamber Dedu								
	@ch:58		-1	1.50	1.00		-1.50		
	@ch:115		-1	1.20	1.00		-1.20		
	Chokkanahalli main road		1	1130.00	7.10		8025.26		
	Triangle portion (1/2*4.5*8)(1255-1263)		1	18.00			18.00		
	Approaches								
	@Ch:232		1	6.00	1.20		7.20		
	@Ch:232		1	8.00	1.20		9.60		
	@Ch:336		1	8.00	1.00		8.00		
	@Ch:357		1	5.70	1.60		9.12		
	@Ch:377		1	4.80	2.00		9.60		
	@Ch:815		1	6.00	2.60		15.60		
	Manhole Deduction(.9dia)		-7	0.64			-4.45		
	Capital school opp. Road		1	125.30	5.75		720.22		
	Thirumala temple road		1	83.00	9.42		782.11		
	Cross rd 1(park side)		1	22.50	8.54		192.11		
	R O Plant front rd		1	20.20	28.28		571.26		
	arali katte side road		1	10.80	3.00		32.40		
	Vinayakanagara 5th main road		1	110.30	6.51		717.94		
	2nd main road		1	84.00	3.93		330.37		
	Venkateswara temple road Bad reaches		2	8.00	1.10		17.60		
			1	2.50	1.90		4.75		

Modified Estimate

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			1	0.50	5.00		2.50		
			2	15.30	2.30		70.38		
			2	3.00	1.15		6.90		
			1	4.00	3.00		12.00		
			1	1.50	4.70		7.05		
	Lakshmaiah Garden main road		1	419.50	5.88		2466.66		
	Cross Road 1		1	27.80	4.58		127.32		
	Cross Road 2		1	81.10	4.84		392.52		
	Gangammalayout 2nd Cross		1	40.00	5.78		231.13		
	Baba nagar main road		1	400.00	6.72		2688.00		
	Noor Nagara Main Road		1	211.00	7.44		1569.84		
	Dwaraka nagar main road		1	179.00	4.42		790.82		
	Srinivasa Garden		1	265.50	6.20		1646.10		
	Deduction		-1	1.00	1.00		-1.00		
	2nd Cross Road		1	181.30	6.07		1100.49		
	Deduction		-1	1.20	0.50		-0.60		
	Deduction		-1	0.90	0.60		-0.54		
	Patch		1	1.20	1.00		1.20		
			1	2.30	1.80		4.14		
	Thirumenhalli Road		1	424.60	7.40		3142.04		
	Deduction		-1	1.20	0.90		-1.08		
			-1	0.50	0.50		-0.25		
			-1	3.00	0.50		-1.50		
			-1	0.60	0.60		-0.36		
			-1	4.20	2.10		-8.82		
			-1	0.60	0.60		-0.36		
			-2	0.50	0.50		-0.50		
			-1	3.00	0.50		-1.50		
			-1	1.20	1.80		-2.16		
			-2	0.50	0.50		-0.50		
			-3	0.50	0.50		-0.75		
			-3	0.50	0.50		-0.75		
			-3	0.60	0.90		-1.62		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.60		-0.54		
			-1	0.60	0.90		-0.54		
			-1	3.00	0.60		-1.80		
			-1	0.60	0.90		-0.54		
			-3	0.60	0.90		-1.62		
			-1	0.60	0.90		-0.54		
			-2	0.60	0.90		-1.08		
			-4	0.60	0.90		-2.16		
			-1	1.00	1.00		-1.00		
	SLV Greens Appartment Road		1	81.20	5.78		469.34		
	Deduction		-1	1.20	0.90		-1.08		
			-1	1.20	0.90		-1.08		
			-1	1.20	2.20		-2.64		
	Noor Nagar Main Road		1	112.40	6.79		763.20		
	Green Land Layout		1	411.00	4.90		2012.67		
	Bellahalli Cross ROAD		1	300.00	5.11		1531.50		
	Tetra grand main road		1	264.00	6.61		1743.90		
	Tetra grand cross road		1	52.50	4.76		249.74		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Basavalingappa nagar								
	Basavalingappa nagar main road		1	84.00	5.28		443.27		
	4th Cross Maruthi Layout(LHS)		1	213.50	5.15		1099.10		
	3rd Cross Maruthi Layout(LHS)		1	101.00	5.02		506.52		
	2nd Cross Maruthi Layout (LHS)		1	105.00	4.87		511.56		
	1st Cross Maruthi Layout (LHS)		1	105.00	4.89		513.77		
	1st Cross Maruthi Layout (RHS)		1	86.00	4.99		429.14		
	2nd Cross Maruthi Layout (RHS)		1	139.00	4.91		682.07		
	Maruthi Layout Main Road		1	141.00	4.90		690.76		
	Shrusti Enclave Apartments		1	209.00	8.25		1723.41		
			1	120.00	6.31		757.44		
	Win Field New Formn								
			1	85.00	4.80		408.00		
					Total Quantity		**57237.28**		
					BOQ Qty		**48179.90**		
					Qty upto 125%		**57237.28**	**28.92**	**1655302.06**
12	KSRRB 500-7. Providing and applying **tack coat** using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-158,I No-21.7), issue rate dated 03-01-2020								
	For DBM	**Sqm**							
	Chokkanahalli Layout main road		1	619.00	7.15		4422.76		
	Deduction		-3	0.30	0.30		-0.27		
			-2	0.30	0.30		-0.18		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	1.80	0.90		-1.62		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-2	0.90	0.90		-1.62		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.30	0.30		-0.09		
			-1	1.00	1.00		-1.00		
			-1	0.90	0.90		-0.81		
			-1	0.30	0.30		-0.09		
			-1	0.30	0.30		-0.09		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
	Chokkanahalli Layout Temple Side Road		1	147.60	6.18		911.78		
	Deduction		-1	0.30	0.30		-0.09		
			-1	0.90	0.90		-0.81		
			-1	0.30	0.30		-0.09		
			-2	0.90	0.90		-1.62		
	Dead End Cross Road		1	21.20	4.42		93.66		
	Deduction		-1	2.50	1.00		-2.50		
	Agrahara Layout Main Road		1	746.70	7.01		5234.37		
	Deduction		-1	1.20	0.60		-0.72		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			-1	0.60	0.60		-0.36		
			-1	0.60	0.50		-0.30		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.60		-0.54		
			-2	0.90	0.90		-1.62		
			-1	0.90	0.90		-0.81		
			-1	2.20	1.80		-3.96		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
	Cross Road from Agrahara layout Road to		1	375.60	6.22		2337.40		
	Deduction		-1	0.90	0.90		-0.81		
			-1	1.20	0.90		-1.08		
			-1	0.40	0.40		-0.16		
			-1	0.60	0.90		-0.54		
			-1	0.60	0.90		-0.54		
			-1	0.30	0.30		-0.09		
			-1	0.30	0.30		-0.09		
			-2	0.30	0.30		-0.18		
			-2	0.30	0.30		-0.18		
			-1	0.90	0.60		-0.54		
	Eshwara Condiments Side Road (Medows		1	162.00	6.65		1076.49		
	Deduction		-1	0.60	0.60		-0.36		
			-3	0.45	0.45		-0.61		
			-1	0.60	0.60		-0.36		
			-2	0.90	0.90		-1.62		
	For BC								
	Chokkanahalli Layout main road		1	619.00	7.15		4422.76		
	Deduction		-3	0.30	0.30		-0.27		
			-2	0.30	0.30		-0.18		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	1.80	0.90		-1.62		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-2	0.90	0.90		-1.62		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.30	0.30		-0.09		
			-1	1.00	1.00		-1.00		
			-1	0.90	0.90		-0.81		
			-1	0.30	0.30		-0.09		
			-1	0.30	0.30		-0.09		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
	Chokkanahalli Layout Temple Side Road		1	147.60	6.18		911.78		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Deduction		-1	0.30	0.30		-0.09		
			-1	0.90	0.90		-0.81		
			-1	0.30	0.30		-0.09		
	Cross Road-1		-2	0.90	0.90		-1.62		
	Cross Road-2		1	35.70	4.48		159.86		
	Dead End Cross Road		1	39.60	4.66		184.62		
			1	21.20	4.42		93.66		
	Deduction		-1	2.50	1.00		-2.50		
	Agrahara Layout Main Road		1	746.70	7.01		5234.37		
	Deduction		-1	1.20	0.60		-0.72		
			-1	0.60	0.60		-0.36		
			-1	0.60	0.50		-0.30		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.60		-0.54		
			-2	0.90	0.90		-1.62		
			-1	0.90	0.90		-0.81		
			-1	2.20	1.80		-3.96		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.90		-0.81		
	DX Max Appartment Side Road		1	26.50	4.16		110.16		
	Cross Road from Agrahara layout Road to Thirumenahalli Arch Road		1	375.60	6.22		2337.40		
	Deduction		-1	0.90	0.90		-0.81		
			-1	1.20	0.90		-1.08		
			-1	0.40	0.40		-0.16		
			-1	0.60	0.90		-0.54		
			-1	0.60	0.90		-0.54		
			-1	0.30	0.30		-0.09		
			-1	0.30	0.30		-0.09		
			-2	0.30	0.30		-0.18		
			-2	0.30	0.30		-0.18		
			-1	0.90	0.60		-0.54		
	Eshwara Condiments Side Road (Medows		1	162.00	6.65		1076.49		
	Deduction		-1	0.60	0.60		-0.36		
			-3	0.45	0.45		-0.61		
			-1	0.60	0.60		-0.36		
			-2	0.90	0.90		-1.62		
	For DBM								
	Vinayakanagara 3rd main road		1	389.40	6.49		2527.98		
	Chamber Deduction								
	@ch:58		-1	1.50	1.00		-1.50		
	@ch:115		-1	1.20	1.00		-1.20		
	Chokkanahalli main road		1	1130.00	7.10		8025.26		
	Triangle portion (1/2*4.5*8)(1255-1263)		1	18.00			18.00		
	Approaches								
	@Ch:232		1	6.00	1.20		7.20		
	@Ch:232		1	8.00	1.20		9.60		
	@Ch:336		1	8.00	1.00		8.00		
	@Ch:357		1	5.70	1.60		9.12		
	@Ch:377		1	4.80	2.00		9.60		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	@Ch:815		1	6.00	2.60		15.60		
	Manhole Deduction(.9dia)		-7		0.64		-4.45		
	Capital school opp. Road		1	125.30	5.75		720.22		
	Thirumala temple road		1	83.00	9.42		782.11		
	Cross rd 1(park side)		1	22.50	8.54		192.11		
	R O Plant front rd		1	20.20	28.28		571.26		
	arali katte side road		1	10.80	3.00		32.40		
	Vinayakanagara 5th main road		1	110.30	6.51		717.94		
	2nd main road		1	84.00	3.93		330.37		
	Venkateswara temple road Bad reaches		2	8.00	1.10		17.60		
			1	2.50	1.90		4.75		
			1	0.50	5.00		2.50		
			2	15.30	2.30		70.38		
			2	3.00	1.15		6.90		
			1	4.00	3.00		12.00		
	For Profile correction		1	1.50	4.70		7.05		
			1	6.50	2.10		13.65		
			1	6.00	2.55		15.30		
			2	5.00	2.45		24.50		
			1	8.40	2.00		16.80		
			1	6.40	2.15		13.76		
	For BC								
	Vinayakanagara 3rd main road		1	389.40	6.49		2527.98		
	Chamber Deduction								
	@ch:58		-1	1.50	1.00		-1.50		
	@ch:115		-1	1.20	1.00		-1.20		
	Chokkanahalli main road		1	1130.00	7.10		8025.26		
	Triangle portion (1/2*4.5*8)(1255-1263)		1		18.00		18.00		
	Approaches								
	@Ch:232		1	6.00	1.20		7.20		
	@Ch:232		1	8.00	1.20		9.60		
	@Ch:336		1	8.00	1.00		8.00		
	@Ch:357		1	5.70	1.60		9.12		
	@Ch:377		1	4.80	2.00		9.60		
	@Ch:815		1	6.00	2.60		15.60		
	Manhole Deduction(.9dia)		-7		0.64		-4.45		
	Capital school opp. Road		1	125.30	5.75		720.22		
	Thirumala temple road		1	83.00	9.42		782.11		
	Cross rd 1(park side)		1	22.50	8.54		192.11		
	R O Plant front rd		1	20.20	28.28		571.26		
	arali katte side road		1	10.80	3.00		32.40		
	Vinayakanagara 5th main road		1	110.30	6.51		717.94		
	2nd main road		1	84.00	3.93		330.37		
	Venkateswara temple road Bad reaches		1	87.00	5.46		474.86		
	For DBM								
	Lakshmaiah Garden main road		1	419.50	5.88		2466.66		
	Cross Road 1		1	27.80	4.58		127.32		
	Cross Road 2		1	81.10	4.84		392.52		
	Gangammalayout 2nd Cross		1	40.00	5.78		231.13		
	Baba nagar main road		1	400.00	6.72		2688.00		
	Noor Nagara Main Road		1	211.00	7.44		1569.84		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Dwaraka nagar main road		1	179.00	4.42		790.82		
	Srinivasa Garden		1	265.50	6.20		1646.10		
	Deduction		-1	1.00	1.00		-1.00		
	2nd Cross Road		1	181.30	6.07		1100.49		
	Deduction		-1	1.20	0.50		-0.60		
	Deduction		-1	0.90	0.60		-0.54		
	Patch		1	1.20	1.00		1.20		
			1	2.30	1.80		4.14		
	Thirumenhalli Road		1	424.60	7.40		3142.04		
	Deduction		-1	1.20	0.90		-1.08		
			-1	0.50	0.50		-0.25		
			-1	3.00	0.50		-1.50		
			-1	0.60	0.60		-0.36		
			-1	4.20	2.10		-8.82		
			-1	0.60	0.60		-0.36		
			-2	0.50	0.50		-0.50		
			-1	3.00	0.50		-1.50		
			-1	1.20	1.80		-2.16		
			-2	0.50	0.50		-0.50		
			-3	0.50	0.50		-0.75		
			-3	0.50	0.50		-0.75		
			-3	0.60	0.90		-1.62		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.60		-0.54		
			-1	0.60	0.90		-0.54		
			-1	3.00	0.60		-1.80		
			-1	0.60	0.90		-0.54		
			-3	0.60	0.90		-1.62		
			-1	0.60	0.90		-0.54		
			-2	0.60	0.90		-1.08		
			-4	0.60	0.90		-2.16		
			-1	1.00	1.00		-1.00		
	SLV Greens Appartment Road		1	81.20	5.78		469.34		
	Deduction		-1	1.20	0.90		-1.08		
			-1	1.20	0.90		-1.08		
			-1	1.20	2.20		-2.64		
	Noor Nagar Main Road		1	112.40	6.79		763.20		
	For BC								
	Lakshmaiah Garden main road		1	419.50	5.88		2466.66		
	Cross Road 1		1	27.80	4.58		127.32		
	Cross Road 2		1	81.10	4.84		392.52		
	Gangammalayout 2nd Cross		1	40.00	5.78		231.13		
	Baba nagar main road		1	400.00	6.72		2688.00		
	Noor Nagara Main Road		1	211.00	7.44		1569.84		
	Dwaraka nagar main road		1	179.00	4.42		790.82		
	Srinivasa Garden		1	265.50	6.20		1646.10		
	Deduction		-1	1.00	1.00		-1.00		
	2nd Cross Road		1	181.30	6.07		1100.49		
	Deduction		-1	1.20	0.50		-0.60		
	Deduction		-1	0.90	0.60		-0.54		
	Patch		1	1.20	1.00		1.20		
			1	2.30	1.80		4.14		
	Thirumenhalli Road		1	424.60	7.40		3142.04		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Deduction		-1	1.20	0.90		-1.08		
			-1	0.50	0.50		-0.25		
			-1	3.00	0.50		-1.50		
			-1	0.60	0.60		-0.36		
			-1	4.20	2.10		-8.82		
			-1	0.60	0.60		-0.36		
			-2	0.50	0.50		-0.50		
			-1	3.00	0.50		-1.50		
			-1	1.20	1.80		-2.16		
			-2	0.50	0.50		-0.50		
			-3	0.50	0.50		-0.75		
			-3	0.50	0.50		-0.75		
			-3	0.60	0.90		-1.62		
			-1	0.90	0.90		-0.81		
			-1	0.90	0.60		-0.54		
			-1	0.60	0.90		-0.54		
			-1	3.00	0.60		-1.80		
			-1	0.60	0.90		-0.54		
			-3	0.60	0.90		-1.62		
			-1	0.60	0.90		-0.54		
			-2	0.60	0.90		-1.08		
			-4	0.60	0.90		-2.16		
	SLV Greens Appartment Road		-1	1.00	1.00		-1.00		
			1	81.20	5.78		469.34		
	Deduction		-1	1.20	0.90		-1.08		
			-1	1.20	0.90		-1.08		
			-1	1.20	2.20		-2.64		
	Noor Nagar Main Road		1	112.40	6.79		763.20		
	For DBM								
	Green Land Layout		1	411.00	4.90		2012.67		
	Bellahalli Cross ROAD		1	300.00	5.11		1531.50		
	Tetra grand main road		1	264.00	6.61		1743.90		
	Tetra grand cross road		1	52.50	4.76		249.74		
	Basavalingappa nagar		1	84.00	5.28		443.27		
	Basavalingappa nagar main road		1	213.50	5.15		1099.10		
	4th Cross Maruthi Layout(LHS)		1	101.00	5.02		506.52		
	3rd Cross Maruthi Layout(LHS)		1	105.00	4.88		511.88		
	2nd Cross Maruthi Layout (LHS)		1	105.00	4.89		513.77		
	1st Cross Maruthi Layout (LHS)		1	86.00	4.99		429.14		
	1st Cross Maruthi Layout (RHS)		1	139.00	4.91		682.21		
	2nd Cross Maruthi Layout (RHS)		1	141.00	4.90		690.76		
	Maruthi Layout Main Road		1	209.00	8.25		1723.83		
	Shrusti Enclave Apartments		1	120.00	6.31		757.44		
	For BC								
	Green Land Layout		1	411.00	4.90		2012.67		
	Bellahalli Cross ROAD		1	300.00	5.11		1531.50		
	Tetra grand main road		1	264.00	6.61		1743.90		
	Tetra grand cross road		1	52.50	4.76		249.74		
	Basavalingappa nagar		1	84.00	5.28		443.27		
	Basavalingappa nagar main road		1	213.50	5.15		1099.10		
	4th Cross Maruthi Layout(LHS)		1	101.00	5.02		506.52		
	3rd Cross Maruthi Layout(LHS)		1	105.00	4.88		511.88		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	2nd Cross Maruthi Layout (LHS)		1	105.00	4.89		513.77		
	1st Cross Maruthi Layout (LHS)		1	86.00	4.99		429.14		
	1st Cross Maruthi Layout (RHS)		1	139.00	4.91		682.21		
	2nd Cross Maruthi Layout (RHS)		1	141.00	4.90		690.76		
	Maruthi Layout Main Road		1	209.00	8.25		1723.83		
	Shrusti Enclave Apartments		1	120.00	6.31		757.44		
	Win Field New Formn		1	85.00	4.80		408.00		
					Total Quantity		114051.35		
						BOQ Qty	88446.64		
						Qty upto 125%	110558.30	13.50	1492537.05
						Qty above 125%	3493.05	12.85	44885.71
13	KSRRB 500-2. **Cleaning the existing black topped surface** with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. (P.No-158,I No-21.2,KPWD SR 2018-19)								
	Venkateswara temple road	Sqm							
	Road cut Deduction		1	87.00	5.41		471.02		
			-1				-121.18		
	Green Land Layout								
	Bellahalli Cross ROAD		1	411.00	4.90		2012.67		
	Tetra grand main road		1	300.00	5.11		1531.50		
	Tetra grand cross road		1	264.00	6.61		1743.90		
	Basavalingappa nagar		1	52.50	4.76		249.74		
	Basavalingappa nagar main road		1	84.00	5.28		443.27		
	4th Cross Maruthi Layout(LHS)		1	213.50	5.15		1099.10		
	3rd Cross Maruthi Layout(LHS)		1	101.00	5.02		506.52		
	2nd Cross Maruthi Layout (LHS)		1	105.00	4.88		511.88		
	1st Cross Maruthi Layout (LHS)		1	105.00	4.89		513.77		
	1st Cross Maruthi Layout (RHS)		1	86.00	4.99		429.14		
	2nd Cross Maruthi Layout (RHS)		1	139.00	4.91		682.21		
	Maruthi Layout Main Road		1	141.00	4.90		690.76		
	Shrusti Enclave Apartments		1	209.00	8.25		1723.83		
			1	120.00	6.31		757.44		
			Deduct for Cutting Portion				-2465.52		
					Total Quantity		10780.04	5.78	62308.61
14	KSRRB M500-17. Providing and laying **dense graded bituminous macadam** using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No-160,I No-21.17.6), issue rate dated 03-01-2020								
		Cum							
	Chokkanahalli Layout main road		1	619.00	7.15	0.05	221.14		
	Deduction		-20	0.90	0.90	0.05	-0.81		
	Chokkanahalli Layout Temple Side Road		1	147.60	6.18	0.05	45.59		
	Deduction		-2	0.30	0.30	0.05	-0.01		
			-3	0.90	0.90	0.05	-0.12		
	Dead End Cross Road		1	21.20	4.42	0.05	4.68		
	Deduction		-1	2.50	1.00	0.05	-0.13		
	Agrahara Layout Main Road		1	746.70	7.01	0.05	261.72		
	Deduction		-2	1.20	0.60	0.05	-0.07		
			-6	0.60	0.60	0.05	-0.11		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			-13	0.90	0.90	0.05	-0.53		
	Cross Road from Agrahara layout Road to		1	375.60	6.22	0.05	116.87		
	Deduction		-2	0.90	0.90	0.05	-0.08		
			-3	0.60	0.90	0.05	-0.08		
			-5	0.30	0.30	0.05	-0.02		
	Eshwara Condiments Side Road (Medows		1	162.00	6.65	0.05	53.82		
	Deduction		-1	0.60	0.60	0.05	-0.02		
			-3	0.45	0.45	0.05	-0.03		
			-1	0.60	0.60	0.05	-0.02		
			-2	0.90	0.90	0.05	-0.08		
	Vinayakanagara 5th main, apartment road		1	110.30	6.51	0.05	35.90		
	2nd main road		1	84.00	3.95	0.05	16.59		
	3nd main road		1	389.40	6.49	0.05	126.40		
	Chamber deduction'@58		-1	1.50	1.00	0.05	-0.08		
	@115		-1	1.20	1.00	0.05	-0.06		
	ch 1255		1	4.50	8.00	0.05	0.90		
	Approches		1	6.00	1.20	0.05	0.36		
			1	8.00	1.20	0.05	0.48		
			1	8.00	1.00	0.05	0.40		
			1	5.70	1.60	0.05	0.46		
			1	4.80	2.00	0.05	0.48		
			1	6.00	2.60	0.05	0.78		
	Manhole deduction		-7	0.64		0.05	-0.22		
	Venkateswara temple road Bad reaches		2	8.00	1.10	0.05	0.88		
			1	2.50	1.90	0.05	0.24		
			1	0.50	5.00	0.05	0.13		
			2	15.30	2.30	0.05	3.52		
			2	3.00	1.15	0.05	0.35		
			1	4.00	3.00	0.05	0.60		
			1	1.50	4.70	0.05	0.35		
	For Profile correction		1	6.50	2.10	0.05	0.68		
			1	6.00	2.60	0.05	0.78		
			2	5.00	2.45	0.05	1.23		
			1	8.40	2.00	0.05	0.84		
			1	6.40	2.15	0.05	0.69		
	Chokkanahalli main road		1	1130.00	7.10	0.05	401.04		
	Capital school opp. Road		1	125.30	5.75	0.05	36.02		
	Thirumala temple road		1	83.00	9.45	0.05	39.22		
	Cross rd 1(park side)		1	22.50	8.54	0.05	9.61		
	R O Plant front rd		1	20.20	28.29	0.05	28.57		
	arali katte side road		1	10.80	3.00	0.05	1.62		
	Lakshmaiah Garden main road		1	419.50	5.88	0.05	123.33		
	Cross Road 1		1	27.80	4.58	0.05	6.37		
	Cross Road 2		1	81.10	4.84	0.05	19.63		
	Gangammalayout 2nd Cross		1	40.00	5.78	0.05	11.56		
	Baba nagar main road		1	400.00	6.72	0.05	134.40		
	Noor Nagara Main Road		1	211.00	7.44	0.05	78.49		
	Dwaraka nagar main road		1	179.00	4.42	0.05	39.54		
	Srinivasa Garden		1	265.50	6.20	0.05	82.31		
	Deduction		-1	1.00	1.00	0.05	-0.05		
	2nd Cross Road		1	181.30	6.07	0.05	55.02		
	Deduction		-1	1.20	0.50	0.05	-0.03		

Modified Estimate

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Deduction		-1	0.90	0.60	0.05	-0.03		
	Patch		1	1.20	1.00	0.05	0.06		
			1	2.30	1.80	0.05	0.21		
	Thirumenhalli Road		1	424.60	7.40	0.05	157.10		
	Deduction		-1	1.20	0.90	0.05	-0.05		
			-1	0.50	0.50	0.05	-0.01		
			-1	3.00	0.50	0.05	-0.08		
			-1	0.60	0.60	0.05	-0.02		
			-1	4.20	2.10	0.05	-0.44		
			-1	0.60	0.60	0.05	-0.02		
			-2	0.50	0.50	0.05	-0.03		
			-1	3.00	0.50	0.05	-0.08		
			-1	1.20	1.80	0.05	-0.11		
			-2	0.50	0.50	0.05	-0.03		
			-3	0.50	0.50	0.05	-0.04		
			-3	0.50	0.50	0.05	-0.04		
			-3	0.60	0.90	0.05	-0.08		
			-1	0.90	0.90	0.05	-0.04		
			-1	0.90	0.60	0.05	-0.03		
			-1	0.60	0.90	0.05	-0.03		
			-1	3.00	0.60	0.05	-0.09		
			-1	0.60	0.90	0.05	-0.03		
			-3	0.60	0.90	0.05	-0.08		
			-1	0.60	0.90	0.05	-0.03		
			-2	0.60	0.90	0.05	-0.05		
			-4	0.60	0.90	0.05	-0.11		
			-1	1.00	1.00	0.05	-0.05		
	SLV Greens Appartment Road		1	81.20	5.78	0.05	23.47		
	Deduction		-1	1.20	0.90	0.05	-0.05		
			-1	1.20	0.90	0.05	-0.05		
			-1	1.20	2.20	0.05	-0.13		
	Noor Nagar Main Road		1	112.40	6.79	0.05	38.16		
	Green Land Layout		1	411.00	4.90	0.05	100.63		
	Bellahalli Cross ROAD		1	300.00	5.11	0.05	76.58		
	Tetra grand main road		1	264.00	6.61	0.05	87.20		
	Tetra grand cross road		1	52.50	4.76	0.05	12.49		
	Basavalingappa nagar		1	84.00	5.28	0.05	22.16		
	Basavalingappa nagar main road		1	213.50	5.15	0.05	54.95		
	4th Cross Maruthi Layout(LHS)		1	101.00	5.02	0.05	25.33		
	3rd Cross Maruthi Layout(LHS)		1	105.00	4.88	0.05	25.59		
	2nd Cross Maruthi Layout (LHS)		1	105.00	4.89	0.05	25.69		
	1st Cross Maruthi Layout (LHS)		1	86.00	4.99	0.05	21.46		
	1st Cross Maruthi Layout (RHS)		1	139.00	4.91	0.05	34.11		
	2nd Cross Maruthi Layout (RHS)		1	141.00	4.90	0.05	34.54		
	Maruthi Layout Main Road		1	209.00	8.25	0.05	86.19		
	Shrusti Enclave Apartments		1	120.00	6.31	0.05	37.87		
					Total Quantity		2823.00		
					BOQ Quantity		2642.05		
					Quantity Upto 125%		2823.00	6835.72	19297243.30

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
15	Providing and laying **bituminous concrete 40mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)(P.No-171,I No-21.78.12), issue rate dated 03-01-2020								
		Cum							
	Chokkanahalli Layout main road		1	619.00	7.13	0.04	176.54		
	Deduction		-3	0.30	0.30	0.04	-0.01		
			-2	0.30	0.30	0.04	-0.01		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		
			-1	1.80	0.90	0.04	-0.06		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		
			-2	0.90	0.90	0.04	-0.06		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.30	0.30	0.04	0.00		
			-1	1.00	1.00	0.04	-0.04		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.30	0.30	0.04	0.00		
			-1	0.30	0.30	0.04	0.00		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		
	Chokkanahalli Layout Temple Side Road		1	147.60	6.15	0.04	36.31		
	Deduction		-1	0.30	0.30	0.04	0.00		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.30	0.30	0.04	0.00		
			-2	0.90	0.90	0.04	-0.06		
	Cross Road-1		1	35.70	4.48	0.04	6.40		
	Cross Road-2		1	39.60	4.70	0.04	7.44		
	Dead End Cross Road		1	21.20	4.42	0.04	3.75		
	Deduction		-1	2.50	1.00	0.04	-0.10		
	Agrahara Layout Main Road		1	746.70	7.01	0.04	209.37		
	Deduction		-1	1.20	0.60	0.04	-0.03		
			-1	0.60	0.60	0.04	-0.01		
			-1	0.60	0.50	0.04	-0.01		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.60	0.04	-0.02		
			-2	0.90	0.90	0.04	-0.06		
			-1	0.90	0.90	0.04	-0.03		
			-1	2.20	1.80	0.04	-0.16		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.90	0.04	-0.03		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	DX Max Appartment Side Road		1	26.50	4.16	0.04	4.41		
	Cross Road from Agrahara layout Road to		1	375.60	6.30	0.04	94.65		
	Deduction		-1	0.90	0.90	0.04	-0.03		
			-1	1.20	0.90	0.04	-0.04		
			-1	0.40	0.40	0.04	-0.01		
			-1	0.60	0.90	0.04	-0.02		
			-1	0.60	0.90	0.04	-0.02		
			-1	0.30	0.30	0.04	-0.004		
			-1	0.30	0.30	0.04	-0.004		
			-2	0.30	0.30	0.04	-0.01		
			-2	0.30	0.30	0.04	-0.01		
			-1	0.90	0.60	0.04	-0.02		
	Eshwara Condiments Side Road (Medows		1	162.00	6.54	0.04	42.38		
	Deduction		-1	0.60	0.60	0.04	-0.01		
			-3	0.45	0.45	0.04	-0.02		
			-1	0.60	0.60	0.04	-0.01		
			-2	0.90	0.90	0.04	-0.06		
	Vinayakanagara 5th main, apartment road		1	110.30	6.51	0.04	28.70		
	2nd main road		1	84.00	3.94	0.04	13.24		
	3nd main road		1	389.40	6.46	0.04	100.62		
	Chamber deduction'@58		-1	1.50	1.00	0.04	-0.06		
	@115		-1	1.20	1.00	0.04	-0.05		
	Venkateswara temple road		1	87.00	5.47	0.04	19.04		
	Chokkanahalli main road		1	1130.00	7.11	0.04	321.37		
	ch 1255		1	4.50	8.00	0.04	0.72		
	Approches		1	6.00	1.20	0.04	0.29		
			1	8.00	1.20	0.04	0.38		
			1	8.00	1.00	0.04	0.32		
			1	5.70	1.60	0.04	0.36		
			1	4.80	2.00	0.04	0.38		
			1	6.00	2.60	0.04	0.62		
	Manhole deduction		-7	0.64		0.04	-0.18		
	Capital school opp. Road		1	125.30	5.72	0.04	28.67		
	Thirumala temple road		1	83.00	9.37	0.04	31.11		
	Cross rd 1(park side)		1	22.50	8.53	0.04	7.68		
	R O Plant front rd		1	20.20	28.10	0.04	22.70		
	arali katte side road		1	10.80	3.00	0.04	1.30		
	Lakshmaiah Garden main road		1	419.50	5.88	0.04	98.67		
	Cross Road 1		1	27.80	4.58	0.04	5.09		
	Cross Road 2		1	81.10	4.84	0.04	15.70		
	Gangammalayout 2nd Cross		1	40.00	5.78	0.04	9.25		
	Baba nagar main road		1	400.00	6.72	0.04	107.52		
	Noor Nagara Main Road		1	211.00	7.44	0.04	62.79		
	Dwaraka nagar main road		1	179.00	4.42	0.04	31.63		
	Srinivasa Garden		1	265.50	6.20	0.04	65.84		
	Deduction		-1	1.00	1.00	0.04	-0.04		
	2nd Cross Road		1	181.30	6.07	0.04	44.02		
	Deduction		-1	1.20	0.50	0.04	-0.02		
	Deduction		-1	0.90	0.60	0.04	-0.02		
	Patch		1	1.20	1.00	0.04	0.05		
			1	2.30	1.80	0.04	0.17		
	Thirumenhalli Road		1	424.60	7.40	0.04	125.68		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Deduction		-1	1.20	0.90	0.04	-0.04		
			-1	0.50	0.50	0.04	-0.01		
			-1	3.00	0.50	0.04	-0.06		
			-1	0.60	0.60	0.04	-0.01		
			-1	4.20	2.10	0.04	-0.35		
			-1	0.60	0.60	0.04	-0.01		
			-2	0.50	0.50	0.04	-0.02		
			-1	3.00	0.50	0.04	-0.06		
			-1	1.20	1.80	0.04	-0.09		
			-2	0.50	0.50	0.04	-0.02		
			-3	0.50	0.50	0.04	-0.03		
			-3	0.50	0.50	0.04	-0.03		
			-3	0.60	0.90	0.04	-0.06		
			-1	0.90	0.90	0.04	-0.03		
			-1	0.90	0.60	0.04	-0.02		
			-1	0.60	0.90	0.04	-0.02		
			-1	3.00	0.60	0.04	-0.07		
			-1	0.60	0.90	0.04	-0.02		
			-3	0.60	0.90	0.04	-0.06		
			-1	0.60	0.90	0.04	-0.02		
			-2	0.60	0.90	0.04	-0.04		
			-4	0.60	0.90	0.04	-0.09		
	SLV Greens Appartment Road		-1	1.00	1.00	0.04	-0.04		
			1	81.20	5.78	0.04	18.77		
	Deduction		-1	1.20	0.90	0.04	-0.04		
			-1	1.20	0.90	0.04	-0.04		
	Noor Nagar Main Road		-1	1.20	2.20	0.04	-0.11		
			1	112.40	6.79	0.04	30.53		
	Green Land Layout								
	Bellahalli Cross ROAD		1	411.00	4.90	0.04	80.51		
	Tetra grand main road		1	300.00	5.11	0.04	61.26		
	Tetra grand cross road		1	264.00	6.61	0.04	69.76		
	Basavalingappa nagar		1	52.50	4.76	0.04	9.99		
	Basavalingappa nagar main road		1	84.00	5.28	0.04	17.73		
	4th Cross Maruthi Layout(LHS)		1	213.50	5.15	0.04	43.96		
	3rd Cross Maruthi Layout(LHS)		1	101.00	5.02	0.04	20.26		
	2nd Cross Maruthi Layout (LHS)		1	105.00	4.88	0.04	20.48		
	1st Cross Maruthi Layout (LHS)		1	105.00	4.89	0.04	20.55		
	1st Cross Maruthi Layout (RHS)		1	86.00	4.99	0.04	17.17		
	2nd Cross Maruthi Layout (RHS)		1	139.00	4.91	0.04	27.29		
	Maruthi Layout Main Road		1	141.00	4.90	0.04	27.63		
	Shrusti Enclave Apartments		1	209.00	8.25	0.04	68.95		
	Win Field New Formn		1	120.00	6.31	0.04	30.30		
			1	85.00	4.80	0.04	16.32		
					Total Quantity		**2303.12**	**8033.98**	**18503244.22**
16	KSRRB M800-13.**Road Marking** with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)								
		Sqm							
	Green Land Layout		2.00	411.00	0.10		82.20		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Bellahalli Cross ROAD		2.00	300.00	0.10		60.00		
	Tetra grand main road		2.00	264.00	0.10		52.80		
	Tetra grand cross road		2.00	52.50	0.10		10.50		
	Basavalingappa nagar		2.00	84.00	0.10		16.80		
	Basavalingappa nagar main road		2.00	213.50	0.10		42.70		
	4th Cross Maruthi Layout(LHS)		2.00	101.00	0.10		20.20		
	4th Cross Maruthi Layout(RHS)		2.00	105.00	0.10		21.00		
	2nd Cross Maruthi Layout (LHS)		2.00	105.00	0.10		21.00		
	1st Cross Maruthi Layout (LHS)		2.00	86.00	0.10		17.20		
	1st Cross Maruthi Layout (RHS)		2.00	139.00	0.10		27.80		
	2nd Cross Maruthi Layout (RHS)		2.00	141.00	0.10		28.20		
	Maruthi Layout Main Road		2.50	209.00	0.10		52.25		
	Shrusti Enclave Apartments		2.50	120.00	0.10		30.00		
	laksmaiah garden		2.00	419.50	0.15		125.85		
	cross road 2		2.00	81.10	0.15		24.33		
	cross road 1		2.00	27.80	0.15		8.34		
	Gangammalayout 2nd Cross		2.00	40.00	0.15		12.00		
	baba nagar main road		2.00	400.00	0.15		120.00		
	noor nagar main road		2.50	211.00	0.15		79.13		
	dwaraka nagar main road		2.00	179.00	0.15		53.70		
	Srinivasa garden 1st cross road		2.00	265.50	0.15		79.65		
	tirumala temple road		2.00	104.00	0.15		31.20		
	ro plant road		2.50	20.00	0.15		7.50		
	cross road		2.00	120.00	0.15		36.00		
	chokkanahalli main road		2.50	1130.00	0.15		423.75		
	vinayak nagar 5th main app road		2.00	111.00	0.15		33.30		
	2nd main road		2.00	84.00	0.15		25.20		
	venkateshwara temple road		2.00	87.00	0.15		26.10		
	Agrahara layout main road		2.50	748.00	0.10		187.00		
	Win Field New Formn		2.00	85.00	0.10		17.00		
					Total Quantity		**1772.70**	**482.00**	**854438.99**
17	KSRRB M200-24. **Dismantling of cement concrete pavement** by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 metrers, stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202.(I No-18.47,P No-140)								
		Cum							
	Noor Nagar 1st Cross Road		1	18.10	2.36	0.25	10.68		
	Noor Nagar 2nd Cross Road		1	35.00	2.98	0.25	26.09		
	Noor Nagar Sub Cross Road		1	46.00	2.63	0.25	30.25		
	Noor Nagar 3rd Cross Road		1	34.6	2.49	0.25	21.50		
	Noor Nagar 4th Cross Road		1	34.2	1.94	0.25	16.59		
	Noor Nagar 5th Cross Road		1	22.2	2.25	0.25	12.49		
	Noor Nagar 6th Cross Road		1	50.80	3.12	0.25	39.57		
	Vinayakanagara 2nd main damaged CC		1	82.50	2.94	0.25	60.53		
	CC RoadS								
	Dwarakanagar Main Road		1	81.00	3.77	0.15	45.81		
	Noor Nagar CC Road 1st A cross		1	55.00	3.99	0.15	32.92		
	Noor Nagar CC Road 1st B Cross		1	34.00	5.03	0.15	25.64		
	Noor Nagar CC Road 2nd A Cross		1	36.90	3.95	0.15	21.86		
	Noor Nagar CC Road 2nd B cross		1	33.70	3.55	0.15	17.95		
	Noor Nagar CC Road 3rd A cross		1	35.00	3.81	0.15	20.02		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Noor Nagar CC Road 3rd B Cross		1	34.10	3.75	0.15	19.18		
	Noor Nagar CC Road 4th A Cross		1	37.00	3.62	0.15	20.10		
	Noor Nagar CC Road 4th B Cross		1	33.50	3.63	0.15	18.24		
	Noor Nagar CC Road 5th A Croos		1	30.00	4.38	0.15	19.69		
	Noor Nagar CC Road 5th B coss		1	34.50	4.61	0.15	23.87		
	Noor Nagar CC Road 6th A Cross		1	37.20	4.49	0.15	25.03		
	Noor Nagar CC Road 6th B cross		1	34.50	4.48	0.15	23.18		
	Noor Nagar CC Road 7th A Cross		1	36.00	4.44	0.15	23.98		
	Noor Nagar CC Road 7th B Cross		1	34.50	4.43	0.15	22.95		
	Noor Nagar CC Road 8th A Cross		1	37.00	4.67	0.15	25.91		
	Noor Nagar CC Road 8th B Cross		1	34.00	4.50	0.15	22.95		
	Noor Nagar CC Road 9th A Cross		1	37.00	3.86	0.15	21.43		
	Noor Nagar CC Road 9th B Cross		1	19.30	3.88	0.15	11.23		
	Basavalingappa nagar CC ROAD		1	150.00	5.13	0.25	192.38		
	1st cross Basavalingappa nagar		1	26.00	4.90	0.25	31.82		
	2nd cross Basavalingappa nagar		1	22.00	2.96	0.25	16.28		
	3rd cross Basavalingappa nagar		1	22.60	3.79	0.25	21.41		
	4th cross Basavalingappa nagar		1	22.40	3.75	0.25	21.00		
	5th cross Basavalingappa nagar		1	23.60	4.33	0.25	25.55		
					Total Quantity		**968.08**	**915.80**	**886568.14**
18	KSRRB M600-1.Providing and Constructing **dry lean cement concrete mix CC 1:5:10** base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383- 2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5, with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with Slip form paver with electronic sensor. (P.No-174,I No-22.1.1)								
		Cum							
	Agrahara Badavane Cross Road		1	133.80	6.37	0.15	127.85		
	Noor Nagar 1st Cross Road		1	18.10	2.37	0.15	6.44		
	Noor Nagar 2nd Cross Road		1	35.00	2.98	0.15	15.67		
	Noor Nagar Sub Cross Road		1	41.00	2.96	0.15	18.18		
	Noor Nagar 3rd Cross Road		1	34.6	2.33	0.15	12.09		
	Noor Nagar 4th Cross Road		1	34.2	1.94	0.15	9.95		
	Noor Nagar 5th Cross Road		1	22.2	2.25	0.15	7.49		
	Noor Nagar 6th Cross Road		1	50.80	3.12	0.15	23.77		
	Chokkanahalli village road		1	122.20	5.92	0.15	108.51		
	chokkanahalli Temple Side Cross road		1	14.00	4.18	0.15	8.78		
	CC RoadS								
	Dwarakanagar Main Road		1	81.00	4.84	0.15	58.81		
	Chokkanalli Main Road (CC Road)		1	62.5	4.09	0.15	38.34		
	Noor Nagar CC Road 1st A cross		1	55.00	3.99	0.15	32.92		
	Noor Nagar CC Road 1st B Cross		1	34.00	5.03	0.15	25.63		
	Noor Nagar CC Road 2nd A Cross		1	36.90	3.95	0.15	21.86		
	Noor Nagar CC Road 2nd B cross		1	33.70	3.55	0.15	17.95		
	Noor Nagar CC Road 3rd A cross		1	35.00	3.80	0.15	19.95		
	Noor Nagar CC Road 3rd B Cross		1	34.10	3.75	0.15	19.18		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Noor Nagar CC Road 4th A Cross		1	37.00	3.60	0.15	19.98		
	Noor Nagar CC Road 4th B Cross		1	33.50	3.63	0.15	18.24		
	Noor Nagar CC Road 5th A Croos		1	30.00	4.30	0.15	19.35		
	Noor Nagar CC Road 5th B coss		1	34.50	4.61	0.15	23.87		
	Noor Nagar CC Road 6th A Cross		1	37.20	4.48	0.15	25.00		
	Noor Nagar CC Road 6th B cross		1	34.50	4.48	0.15	23.18		
	Noor Nagar CC Road 7th A Cross		1	36.00	4.44	0.15	23.98		
	Noor Nagar CC Road 7th B Cross		1	34.50	4.43	0.15	22.95		
	Noor Nagar CC Road 8th A Cross		1	37.00	4.67	0.15	25.91		
	Noor Nagar CC Road 8th B Cross		1	34.00	4.50	0.15	22.95		
	Noor Nagar CC Road 9th A Cross		1	37.00	3.86	0.15	21.43		
	Noor Nagar CC Road 9th B Cross		1	19.30	3.88	0.15	11.23		
	Basavalingappa nagar CC ROAD		1	150.00	5.13	0.15	115.43		
	1st cross Basavalingappa nagar		1	26.00	4.90	0.15	19.09		
	2nd cross Basavalingappa nagar		1	22.00	2.96	0.15	9.77		
	3rd cross Basavalingappa nagar		1	22.60	3.79	0.15	12.85		
	4th cross Basavalingappa nagar		1	22.40	3.75	0.15	12.60		
	5th cross Basavalingappa nagar		1	23.60	4.33	0.15	15.33		
					Total Quantity		**1016.51**	**3368.87**	**3424475.68**
19	Constructing un-reinforced, **plain cement concrete for pavements using Grade concrete M30** with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. (P.No-176,I No-22.6.1)								
		Cum							
	Agrahara Badavane Cross Road		1	133.80	6.37	0.15	127.85		
	Noor Nagar 1st Cross Road		1	18.10	2.37	0.15	6.44		
	Noor Nagar 2nd Cross Road		1	35.00	2.98	0.15	15.67		
	Noor Nagar Sub Cross Road		1	41.00	2.96	0.15	18.18		
	Noor Nagar 3rd Cross Road		1	34.6	2.33	0.15	12.09		
	Noor Nagar 4th Cross Road		1	34.2	1.94	0.15	9.95		
	Noor Nagar 5th Cross Road		1	22.2	2.25	0.15	7.49		
	Noor Nagar 6th Cross Road		1	50.80	3.12	0.15	23.41		
	Chokkanahalli village road		1	122.20	5.92	0.15	108.55		
	chokkanahalli Temple Side Cross road		1	14.00	4.18	0.15	8.78		
	CC RoadS								
	Dwarakanagar Main Road		1	81.00	4.84	0.15	58.81		
	Chokkanalli Main Road (CC Road)		1	62.5	4.09	0.15	38.34		
	Noor Nagar CC Road 1st A cross		1	55.00	3.99	0.15	32.92		
	Noor Nagar CC Road 1st B Cross		1	34.00	5.03	0.15	25.64		
	Noor Nagar CC Road 2nd A Cross		1	36.90	3.95	0.15	21.86		
	Noor Nagar CC Road 2nd B cross		1	33.70	3.55	0.15	17.95		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Noor Nagar CC Road 3rd A cross		1	35.00	3.80	0.15	19.95		
	Noor Nagar CC Road 3rd B Cross		1	34.10	3.75	0.15	19.18		
	Noor Nagar CC Road 4th A Cross		1	37.00	3.60	0.15	19.98		
	Noor Nagar CC Road 4th B Cross		1	33.50	3.63	0.15	18.24		
	Noor Nagar CC Road 5th A Cross		1	30.00	4.30	0.15	19.35		
	Noor Nagar CC Road 5th B coss		1	34.50	4.81	0.15	23.87		
	Noor Nagar CC Road 6th A Cross		1	37.20	4.48	0.15	25.00		
	Noor Nagar CC Road 6th B cross		1	34.50	4.48	0.15	23.18		
	Noor Nagar CC Road 7th A Cross		1	36.00	4.44	0.15	23.98		
	Noor Nagar CC Road 7th B Cross		1	34.50	4.43	0.15	22.95		
	Noor Nagar CC Road 8th A Cross		1	37.00	4.67	0.15	25.91		
	Noor Nagar CC Road 8th B Cross		1	34.00	4.50	0.15	22.95		
	Noor Nagar CC Road 9th A Cross		1	37.00	3.86	0.15	21.43		
	Noor Nagar CC Road 9th B Cross		1	19.30	3.88	0.15	11.23		
	Basavalingappa nagar CC ROAD		1	150.00	5.13	0.15	115.43		
	1st cross Basavalingappa nagar		1	26.00	4.90	0.15	19.09		
	2nd cross Basavalingappa nagar		1	22.00	2.96	0.15	9.77		
	3rd cross Basavalingappa nagar		1	22.60	3.79	0.15	12.85		
	4th cross Basavalingappa nagar		1	22.40	3.75	0.15	12.60		
	5th cross Basavalingappa nagar		1	23.80	4.33	0.15	15.33		
						Total Quantity	1016.19	5000.00	5080940.27
E1	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No 5.4 (Page, 25 Item 5.26.2)								
		Sqm							
	Eshwara Condiments Side Road (Medows		2	63.50		0.20	25.40		
			2	74.50		0.40	59.60		
	Eshwara Condiments Side Road (Medows		2	59.30		0.20	23.72		
			2	87.50		0.40	70.00		
	Noor Nagar 9th A Cross		2	37.00		0.40	29.60		
						Total Quantity	208.32	989.23	206078.39
E2	KSRB 4-1.6 ; Providing and laying in position **plain cement concrete** of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (Page, 13 Item 4.6)								
		Cum							
	Eshwara Condiments Side Road (Medows		2	138.00	0.20	0.10	5.52		
	Eshwara Condiments Side Road (Medows Appartment Opp) - RHS		2	146.80	0.20	0.10	5.87		
						Total Quantity	11.3900	5804.79	66116.56
E3	Providing and fixing pre cast solid cement concrete **kerb stones** made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete (Page, 27 Item 5.30)								
		No's							
	Eshwara Condiments Side Road (Medows		1	138.00			138.00		
	Eshwara Condiments Side Road (Medows		1	146.80			146.80		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Srinivasa Garden Layout 1st Main Road -		1	264.30			264.30		
	Srinivasa Garden Layout 1st Main Road -		1	277.50			277.50		
	Srinivasa Garden Layout 2nd Main Road -		1	176.00			176.00		
	Srinivasa Garden Layout 2nd Main Road -		1	182.50			182.50		
	Agrahara Badavane Cross Road - RHS		1	119.30			119.30		
	Noor Nagar Main Road - LHS		1	97.60			97.60		
	Noor Nagar Main Road - RHS		1	105.90			105.90		
					/0.45		1507.90		
					Total Quantity		3351.00	436.80	1463716.80
E4	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3								
		Sqm							
	Chokkanahalli Layout Main Road		1	613.60	8.01		4915.43		
	Total Deductions		-129	0.87	0.23		-25.77		
	Thirumenahalli Main Road		1	423.20	7.07		2993.59		
	Total Deductions		-89	1.10	0.50		-48.82		
	Road to Agrahara Layout Main Road		1	321.70	6.19		1991.29		
	Total Deductions		-56	0.77	0.47		-20.35		
	Agrahara Layout Main Road		1	716.80	8.09		5798.20		
	Total Deductions		-41	53.60	0.04		-82.70		
	Appartment Opp)		1	153.30	7.02		1076.14		
	Total Deductions		-3	0.90	0.10		-0.27		
	Noor Nagar Main Road		1	114.20	7.23		826.12		
	Total Deductions		-9	1.20	0.08		-0.81		
	Srinivasa Garden Layout 1st Main Road		1	266.00	6.51		1730.57		
	2nd Main Road		1	182.50	5.96		1086.97		
	Cement Concrete Roads								
	Agrahara Badavane Cross Road		1	133.80	6.34		848.02		
	Noor Nagar 1st Cross Road		1	18.10	2.36		42.68		
	Noor Nagar 2nd Cross Road		1	35.00	2.99		104.58		
	Noor Nagar Sub Cross Road		1	46.00	2.63		120.93		
	Noor Nagar 3rd Cross Road		1	34.60	2.46		85.01		
	Noor Nagar 4th Cross Road		1	34.20	1.94		66.35		
	Noor Nagar 5th Cross Road		1	22.20	2.25		50.01		
	Noor Nagar 6th Cross Road		1	50.80	3.12		158.45		
	Lakshmaiah Garden road		1	48.00	5.34		256.32		
	Lakshmaiah Garden main road		1	367.00	5.72		2099.24		
	Chamundi layout 7th cross road		1	27.00	4.96		133.92		
	1st Cross Lakshmaiah Garden road		1	80.00	5.50		440.00		
	Green land layout		1	413.00	5.71		2358.23		
	Bellahalli Cross rd		1	297.00	5.46		1621.62		
	Tirumala temple road		1	112.00	6.08		680.96		
	Cross rd		1	26.00	3.90		101.40		
	Cross rd 1(park side)		1	22.00	8.38		184.36		
	R O Plant front rd		1	20.20	24.50		494.90		
	Chokkana Halli main road		1	1243.00	8.19		10180.17		
	Chokkana Halli main road (Capital school		1	121.00	5.19		627.99		
	Chokkanalli cross opposite road		1	12.20	4.95		60.39		
	Vinayak nagar		1	384.20	6.57		2524.19		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Baba nagar main road		1	398.00	6.49		2583.02		
	Approach		1	3.60	3.30		11.88		
	Tetra grand appartment road		1	185.00	5.64		1043.40		
	Tetra grand appartment cross road		1	52.50	5.55		291.38		
	Dwaraka nagar main road		1	260.00	2.82		733.20		
	Chokkanahalli Layout Temple Side Road		1	147.60	6.18		912.17		
	Deduction		-1	0.30	0.30		-0.09		
			-1	0.90	0.90		-0.81		
			-1	0.30	0.30		-0.09		
			-2	0.90	0.90		-1.62		
	Cross Road-1		1	35.70	4.48		159.94		
	Cross Road-2		1	39.60	4.67		184.93		
	Dead End Cross Road		1	21.20	4.42		93.66		
	Deduction		-1	2.50	1.00		-2.50		
	DX Max Appartment Side Road		1	26.50	4.16		110.24		
	Cross Road from Agrahara layout Road to Thirumenahalli Arch Road		1	111.50	5.28		588.27		
	Deduction		-1	0.30	0.30		-0.09		
			-2	0.30	0.30		-0.18		
			-2	0.30	0.30		-0.18		
			-1	0.90	0.60		-0.54		
	Vinayaka Nagar 5th cross Apartment Road		1	108.50	6.53		708.61		
	Gangammalayout 2nd Cross		1	40.00	5.72		228.75		
	Noor Nagar Main Road		1	211.00	7.45		1571.07		
	Dwaraka nagar main road		1	133.40	4.37		583.16		
	Thirumenhalli Road SLV Greens Appartment Road		1	81.20	5.70		462.59		
	Deduction		-3	1.20	1.33		-4.79		
	Dwarakanagar Main Road		1	81.00	4.85		392.56		
	Chokkanalli Main Road (CC Road)		1	62.5	4.02		251.25		
	Noor Nagar CC Road 1st A cross		1	55.00	3.98		218.63		
	Noor Nagar CC Road 1st B Cross		1	34.00	5.03		170.95		
	Noor Nagar CC Road 2nd A Cross		1	36.90	3.97		146.45		
	Noor Nagar CC Road 2nd B cross		1	33.70	3.56		119.82		
	Noor Nagar CC Road 3rd A cross		1	35.00	3.81		133.50		
	Noor Nagar CC Road 3rd B Cross		1	34.10	3.75		127.88		
	Noor Nagar CC Road 4th A Cross		1	37.00	3.62		134.02		
	Noor Nagar CC Road 4th B Cross		1	33.50	3.62		121.17		
	Noor Nagar CC Road 5th A Croos		1	30.00	4.37		131.16		
	Noor Nagar CC Road 5th B coss		1	34.50	4.61		159.15		
	Noor Nagar CC Road 6th A Cross		1	37.20	4.53		168.66		
	Noor Nagar CC Road 6th B cross		1	34.50	4.48		154.56		
	Noor Nagar CC Road 7th A Cross		1	36.00	4.43		159.48		
	Noor Nagar CC Road 7th B Cross		1	34.50	4.43		152.90		
	Noor Nagar CC Road 8th A Cross		1	37.00	4.67		172.72		
	Noor Nagar CC Road 8th B Cross		1	34.00	4.50		153.00		
	Noor Nagar CC Road 9th A Cross		1	37.00	3.86		142.82		
	Noor Nagar CC Road 9th B Cross		1	19.30	3.88		74.88		
	Basavalingappa nagar Main Road		1	213.50	1.50		320.25		
	Basavalingappa Nagar		1	84.00	1.50		126.00		
	Tetra grand app road		1	70.00	7.71		540.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	4th Cross Maruthi Layout		1	101.00	1.50		151.50		
	Widen Portion		1	101.00	1.20		121.20		
	3nd Cross Maruthi Layout(LHS)		1	105.00	1.50		157.50		
	Widen Portion		1	105.00	1.20		126.00		
	3rd Cross Maruthi Layout(LHS)		1	105.00	1.50		157.50		
	Widen Portion		1	105.00	1.20		126.00		
	2nd Cross Maruthi Layout (LHS)		1	105.50	1.50		158.25		
	Widen Portion		1	105.50	1.20		126.60		
	1st cross maruthi layout (LHS)		1	86.00	1.50		129.00		
	1st cross maruthi layout (RHS)		1	139.00	1.50		208.50		
	2ND CROSS MARUTHI LAYOUT (RHS)		1	141.00	1.50		211.50		
	Widening portion		1	141.00	1.20		169.20		
	MARUTHI LAYOUT MAIN ROAD		2	209.00	1.80		752.40		
	damaged portion		2	5.40	2.10		22.63		
	shrusti enclave road		1	120.00	6.31		757.56		
	deduction		0	0.00	0.00		0.00		
	house ramp		-8	4.00	0.90		-28.80		
	house ramp		-6	3.50	0.90		-18.90		
	house ramp		-10	3.00	0.90		-27.00		
	chambers		-30	1.20	1.20		-43.20		
	Win Field New Formn		1	85.00	4.80		408.00		
	For CC Roads								
	Basavalingappa nagar CC ROAD		1	150.00	5.13		769.50		
	1st cross Basavalingappa nagar		1	26.00	4.90		127.30		
	2nd cross Basavalingappa nagar		1	22.00	2.96		65.12		
	3rd cross Basavalingappa nagar		1	22.60	3.79		85.65		
	4th cross Basavalingappa nagar		1	22.40	3.75		84.00		
	5th cross Basavalingappa nagar		1	23.60	4.33		102.19		
					Total Quantity		**62905.68**	**6.42**	**403854.50**
E5	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305 (Page, 147 Item 19.60)								
		Cum							
	Agrahara Layout Main Road		1	581.80	7.75	0.29	1285.32		
	Total Deduction		-82	1.43	0.67	0.29	-22.28		
	Chokkana Halli main road		1	1050.00	8.63	0.36	3262.90		
					Total Quantity		**4525.94**	**347.95**	**1574801.56**
E6	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing by mix in place method by rotavator at OMC,spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (Page, 153 Item 20.6)								
		Cum							
	Chokkanahalli Layout Main Road		2	613.60	0.90	0.20	220.90		
	Thirumenahalli Main Road		2	423.20	0.90	0.20	152.35		
	Road to Agrahara Layout Main Road		2	373.20	0.90	0.20	134.35		
	Agrahara Layout Main Road		2	165.00	0.90	0.20	59.40		
			1	581.80	7.73	0.15	674.21		
	Total Deduction		-82	1.43	0.67	0.15	-11.82		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Eshwara Condiments Side Road (Medows Appartment Opp)		1	153.30	0.90	0.20	27.59		
	Noor Nagar Main Road		1	114.20	0.90	0.20	20.56		
	Chokkana Halli main road		1	1050.00	8.64	0.20	1814.90		
	Cutting Portion - UGD line								
	Chokkana Halli main road		1	194.50	0.90	0.20	35.01		
	Tirumala temple road		1	112.00	0.90	0.20	20.16		
	Cross rd		1	26.00	0.90	0.20	4.68		
	Cross rd 1(park side)		1	22.00	0.90	0.20	3.96		
	R O Plant front rd		1	20.20	0.90	0.20	3.64		
	vinayak nagar		1	384.20	0.90	0.20	69.16		
	Baba nagar main road		1	398.00	0.90	0.20	71.64		
	Tetra grand appartment road		1	255.00	1.38	0.20	70.38		
	Tetra grand appartment cross road		1	52.50	0.90	0.20	9.45		
	Dwaraka nagar main road		1	260.00	1.36	0.20	70.72		
	Cutting Portion - Watersupply line								
	Chokkana Halli main road		1	194.50	0.90	0.20	35.01		
	Tirumala temple road		1	112.00	0.90	0.20	20.16		
	Baba nagar main road		1	398.00	0.90	0.20	71.64		
	Chokkanahalli Layout Temple Side Road		2	147.60	0.90	0.20	53.14		
	Cross Road-1		1	35.70	0.90	0.20	6.43		
	Cross Road-2		1	39.60	0.90	0.20	7.13		
	Dead End Cross Road		1	21.20	0.90	0.20	3.82		
	Cross Road from Agrahara layout Road to Thirumenahalli Arch Road		1	111.50	0.90	0.20	20.07		
	Vinayakanagara 5th coss, apartment road		1	108.50	6.53	0.20	141.72		
	2nd Main Road Cut portion		1	82.50	1.09	0.20	17.92		
	(Road Cutting Portion) Gangammalayout		1	40.00	0.90	0.20	7.20		
	Noor Nagar Main Road		1	211.00	0.90	0.20	37.98		
	SLV Greens Appartment Road		1	81.20	0.90	0.20	14.62		
	Basavalingappa nagar Main Road		1	213.50	1.50	0.20	64.05		
	Basavalingappa Nagar		1	84.00	1.50	0.20	25.20		
	Tetra grand app road		1	70.00	7.71	0.20	108.00		
	4th Cross Maruthi Layout		1	101.00	1.50	0.20	30.30		
	Widen Portion		1	101.00	1.20	0.20	24.24		
	3nd Cross Maruthi Layout(LHS)		1	105.00	1.50	0.20	31.50		
	Widen Portion		1	105.00	1.20	0.20	25.20		
	3rd Cross Maruthi Layout(LHS)		1	105.00	1.50	0.20	31.50		
	Widen Portion		1	105.00	1.20	0.20	25.20		
	2nd Cross Maruthi Layout (LHS)		1	105.50	1.50	0.20	31.65		
	Widen Portion		1	105.50	1.20	0.20	25.32		
	1st cross maruthi layout (LHS)		1	86.00	1.50	0.20	25.80		
	1st cross maruthi layout (RHS)		1	139.00	1.50	0.20	41.70		
	2ND CROSS MARUTHI LAYOUT (RHS)		1	141.00	1.50	0.20	42.30		
	Widening portion		1	141.00	1.20	0.20	33.84		
	MARUTHI LAYOUT MAIN ROAD		2	209.00	1.80	0.20	150.48		
	damaged portion		2	5.40	2.10	0.20	4.53		
	shrusti enclave road		1	120.00	6.31	0.20	151.51		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	deduction								
	house ramp		-8	4.00	0.90	0.20	-5.76		
	house ramp		-6	3.50	0.90	0.20	-3.78		
	house ramp		-10	3.00	0.90	0.20	-5.40		
	chambers		-30	1.20	1.20	0.20	-8.64		
					Total Quantity		4736.80	1873.55	8874632.40
								Total Amount	10,48,65,122.73
								12% GST	1,25,83,814.73
								Additional 6% GST	9,72,951.16
								Sub Total 1	11,84,21,888.62
								Cost towards Preparation of DPR and PMC LS	24,65,000.00
								Sub Total 2	12,08,86,888.62
								Miscellaneous and rounding off	3,111.38
								Grand Total Amount	12,08,90,000.00

CERTIFICATE

1) The site has been inspected and the work is found to be necessary.
2) The rates adopted are as per PW,P IWTD SR of 2018-19
3) The provisions were made in this estimate are necessary and adequate.
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

Technical Sanction
Accorded For Rs 12,08,90,000/-
Head of A/C 8375
CER NO : 95 Dt: 13.03.23